

CONNECTICUT RIVER BASIN
01189995 FARMINGTON RIVER AT TARIFFVILLE, CT.--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1967-68, 1971 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: January 1971 to January 1972.

WATER TEMPERATURES: January 1971 to January 1972.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 285 microsiemens Feb. 16, 1971; minimum recorded, 70 microsiemens May 14,15, 1971.

WATER TEMPERATURES: Maximum, 26.5°C June 25, 27, 1971; minimum, 0.0°C on many days during winter period in 1971.

REMARKS.--The instantaneous record values will not necessarily fall within the corresponding daily range of the continuous records.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION (00301)	COLI- FORM, FECAL, UM-MF (COLS./ 100 ML) (31616)	ENTERO- COCCI ME, MF WATER TOTAL (COL / 100 ML) (31649)
OCT 19...	1245	710	144	7.2	21.0	14.5	3.4	9.0	88	440	30
DEC 15...	1500	392	144	7.3	10.0	3.0	1.4	13.3	98	960	120
FEB 23...	1125	1060	130	7.2	-5.0	.5	2.1	13.8	96	180	81
APR 19...	1345	740	130	7.3	17.5	11.0	1.3	11.3	102	59	K6
JUN 22...	1240	373	146	7.6	27.5	20.5	2.9	9.2	102	150	40
JUL 07...	1245	614	113	7.2	29.0	25.0	3.4	7.3	89	200	64
AUG 23...	1005	415	133	7.2	22.0	19.5	1.3	8.5	93	800	144
SEP 20...	1345	1710	110	6.7	25.5	17.0	5.4	7.9	82	780	292

DATE	HARD- NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	CAR- BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR- BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA- LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)
OCT 19...	38	11	2.4	11	2.0	0	28	23	10	16	<.10
DEC 15...	36	10	2.4	10	1.8	0	28	23	9.8	15	<.10
FEB 23...	31	8.9	2.1	10	1.2	0	24	20	8.0	17	<.10
APR 19...	33	9.9	2.1	9.4	1.2	0	26	22	8.3	18	<.10
JUN 22...	38	11	2.3	12	1.6	0	28	23	8.0	18	<.10
JUL 07...	29	8.6	1.9	9.6	1.4	0	20	16	7.1	15	<.10
AUG 23...	32	9.3	2.2	12	1.7	0	28	23	7.2	17	<.10
SEP 20...	29	8.5	1.9	8.2	1.5	0	20	16	10	12	<.10

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WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 DIS- SOLVED (MG/L AS N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. TOTAL (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)
OCT										
19...	7.2	88	86	<.010	.996	.065	.37	.43	.32	1.4
DEC										
15...	5.6	82	81	.071	1.01	.075	.25	.32	.23	1.3
FEB										
23...	7.2	77	83	.011	.634	.162	.19	.35	.35	.99
APR										
19...	5.7	79	83	.015	.693	.038	.20	.24	.21	.93
JUN										
22...	4.4	83	68	.011	.940	.060	.37	.43	.24	1.4
JUL										
07...	4.7	93	70	.010	.629	.029	.35	.38	.23	1.0
AUG										
23...	4.2	78	--	.012	.978	.051	.38	.43	.21	1.4
SEP										
20...	6.6	75	82	<.010	.446	.034	.42	.46	.31	.90
DATE	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ANTI- MONY, DIS- SOLVED (UG/L AS SB) (01095)	BARIIUM, DIS- SOLVED (UG/L AS BA) (01005)	BERYL- LIUM, DIS- SOLVED (UG/L AS BE) (01010)	CADMIUM, DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)
OCT										
19...	.141	.102	.097	12	<1.0	32	<1.0	<1.0	<1.0	<1.0
DEC										
15...	.085	.080	.095	8.6	<1.0	27	<1.0	<1.0	<1.0	<1.0
FEB										
23...	.064	.037	.033	19	<1.0	25	<1.0	<1.0	<1.0	<1.0
APR										
19...	.074	.062	.052	17	<1.0	28	<1.0	<1.0	<1.0	<1.0
JUN										
22...	.154	.118	.080	9.1	<1.0	27	<1.0	<1.0	<1.0	<1.0
JUL										
07...	.018	.105	.093	10	<1.0	24	<1.0	<1.0	<1.0	<1.0
AUG										
23...	.237	.185	.158	9.1	<1.0	24	<1.0	<1.0	<1.0	<1.0
SEP										
20...	.087	.050	.036	38	<1.0	32	<1.0	<1.0	<1.0	<1.0
DATE	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MOLYB- DENUM, DIS- SOLVED (UG/L AS MO) (01060)	NICKEL, DIS- SOLVED (UG/L AS NI) (01065)	SILVER, DIS- SOLVED (UG/L AS AG) (01075)	ZINC, DIS- SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS- SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
OCT										
19...	2.4	99	<1.0	36	<1.0	1.3	<1.0	5.2	<1.0	6.3
DEC										
15...	1.7	130	<1.0	25	<1.0	1.2	<1.0	3.9	<1.0	3.2
FEB										
23...	1.5	90	<1.0	41	<1.0	<1.0	<1.0	6.6	<1.0	3.2
APR										
19...	1.6	150	<1.0	42	<1.0	<1.0	<1.0	3.3	<1.0	2.8
JUN										
22...	1.8	85	<1.0	26	<1.0	1.3	<1.0	2.3	<1.0	3.8
JUL										
07...	1.8	70	<1.0	32	<1.0	<1.0	<1.0	3.0	<1.0	3.9
AUG										
23...	2.0	130	<1.0	30	<1.0	1.4	<1.0	2.9	<1.0	4.8
SEP										
20...	4.3	120	<1.0	62	<1.0	1.9	<1.0	13	<1.0	7.2